

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11)Publication number: 10232189 A

(43)Date of publication of  
application: 02. 09 . 98

(51)Int. Cl.

G01N 1/00

G01N 33/52

(21)Application number: 10031841

(22)Date of filing: 13 . 02 . 98

(30)Priority: 14 . 02 . 97 GB 97  
9703094

(71)Applicant: UNILEVER NV

(72)Inventor: MAY KEITH

## (54)TEST DEVICE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent sample liquid from deviating from a flow path by narrowing the lateral dimension of the contact area of an upstream side object (sample receiving part) to concentrate a liquid flow toward the center line of the flow path of a downstream side object (porous strip).

**SOLUTION:** Sample liquid passes through a detecting zone 202 along a sample receiving part (wick) 107 and a porous strip 201 consisting of a non-woven cloth-like thin sheet. A movable labelling reagent is supplied in a position 204, moved under the wet condition and accumulated in the detecting zone to make a test signal label of the test result. Then, in the interface 205 between the sample receiving part 107 and the porous strip 201, the lateral dimension of the sample receiving part 107 is narrowed by less than about 50% along the center line to sharpen the tip 209. Thus, the sample liquid is

concentrated to the sharp tip 209 and flows in toward the center line of the porous strip 201. Thus, the possibility of the sample liquid flowing in the other portions in a casing is reduced.

COPYRIGHT: (C)1998,JPO

